Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## **UTILITY** PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional application under 37 C F R § 1 53(b))

Attorney Docket No. First Inventor or Application Identifier Craig et al Method and Apparatus for the Detection of Hydrogenous Materials Express Mail Label No.

EE797446645US

ĭ	=
ρ	==
. •	■
-:c	==-
ຜ∷	==
	==:
<b>5</b>	
_	=="
	.==\
P-07	<b>=</b>
/60 03/0	
U	
771	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
*Fee Transmittal Form (e.g. PTO/SB/17)     (Submit an original and a duplicate for fee processing)     Applicant claims small entity status.	CD-ROM or CD-R in duplicate, large table or Program (Appendix)     Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)
3. Negretification [Total Pages 32]  (preferred arrangement set forth below)  - Descriptive title of the Invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to Microfiche Appendix	a. Computer Readable Form (CRF)  b Specification Sequence Listing on:
- Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4.	ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 C.F.R. § 3.73(b) Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503)  (Should be specifically itemized)  15. Certified Copy of Priority Document(s)  (if foreign priority is claimed)  16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).  Applicant must attach form PTO/SB/35 or its equivalent
Prior application information: Examiner:  For CONTINUATION or DIVISIONAL APPS only: The entire discloss Box 5b, is considered a part of the disclosure of the accompanying continuat reference. The incorporation can only be relied upon when a portion has been 19. CORRESPONDENCE.  Customer Number or Bar Code Label (Insert Customer No. or All Name Stephen R. May Address Intellectual Property Services, Battelle Memorial Intellectual Property Services, Battellectual Property Service	Group/Art Unit: 3641  are of the prior application, from which an oath or declaration is supplied under ion or divisional or divisional application and is hereby incorporated by an inadvertently omitted from the submitted application parts.  E ADDRESS  trach bar code label here)  or X Correspondence address below
Name (Print/Type) Signature Signature	Registration No. (Attorney/Agent) 29,255  Date 2,250

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, and DC 20231.

Appli
Filing
First 1
]

TOTAL AMOUNT OF PAYMENT

(\$) 391.00

Complete If Kno	own	
Application Number	not yet assigned	
Filing Date	herewith	
First Named Inventor	R.A. Craig et al.	
Examiner Name	not yet assigned	
Group/Art Unit	not yet assigned	
Attorney Docket No.	E-1825 CIP	

METHOD OF PAYMENT (check one)	1				FEE CALCULATION (continued)	
The Commissioner is hereby authorized to charge	2 AT	DITIO	NTAT 1	cece	FEE CALCULATION (continued)	
1 X indicated fees and credit any overpayments to		3 ADDITIONAL FEES  Large Entity Small Entity				
			Fee		Fee Description Fee Paid	
Deposit 02-1275	Code	Code (\$) Code (\$)		(\$)		
Account Number	105			65	Surday lor Cl. C	
Number	103	130	205	63	Surcharge- late filing fee or oath	
Deposit Account Name  Battelle Memorial Institute - PND	127	50	227	25	Surcharge- late provisional filing fee or cover sheet	
X Charge Any Additional Fee Required Under 37 CFR §§ 1 16 and 1 17	139	130	139	130	Non-English specification	
X Applicant claims small entity status	147 112	2,520 920*	147 112	2,520 920*	For filing a request for reexamination Requesting publication of SIR prior to	
	l ''-	220		220	Examiner action	
2 Payment Enclosed Check Money Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	115	110	215	55	Extension for reply within first month	
1. BASIC FILING FEE	116 117	390 890	216 217	195 445	Extension for reply within second month	
Large Entity Small Entity	117	890	217	443	Extension for reply within third month	
Fee Fee Fee Fee Description	118	1,390	218	695	Extension for reply within forth month	
Code (\$) Code (\$) Fee Paid	128	1,890	228	945	Extension for reply within fifth month	
101 710 201 355 Utility filing fee 355	119	310	219		Notice of Appeal	
106 320 206 160 Designing filing fee	120	310	220		Filing a brief in support of an appeal	
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee	121 138	270 1,510		1,510	Requesting for oral hearing	
114 150 214 75 Provisional filing fee	140	1,310	240	,	Petition to institute a public use proceeding Petition to revive – unavoidable	
SUBTOTAL (1) (\$) 355	i	1,240	241		Petition to revive – unintentional	
2. EXTRA CLAIM FEES Fee form	142	1,240	242	620	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	143	440	243	220	Design issue fee	
Total Claims $24 - 20 ** = 4 X 9 = 36$	144	600	224	300	Plant issue fee	
Independent	122	130	122	130	Petitions to the Commissioner	
Clams 2 - 3** = 0 X = Multiple Dependent	123	50	123	50	Petitions related to provisional applications	
**or number previously paid, if greater, For Reissues, see below	126	240	126	240	Submission of Information Disclosure Stmt	
Large Entity Small Entity	581	40	581	40	Recording each patent assignment per	
Fee Fee Fee Fee Description					property (times number of properties)	
Code (\$) Code (\$)  103		710	016	255		
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3	146	710	246	355	Filing a submission after final rejection	
104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	(37 CFR § 1 129(a))  For each additional invention to be examined (37 CFR § 1,129(b))	
109 80 209 40 **Reissue independent claims					, , , , , , , , , , , , , , , , , , , ,	
over original patent	179	710	279	355	Request for Continued Examination (RCE)	
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Other	fee (sp	ecify)			
one or organic patent	Other	ace (sp	~y)			
SUBTOTAL (2) (S) 36.00	'Redu	ced by I	Basic F	iling Fee	Paid SUBTOTAL (3) (S)	

SUBMITTED BY					Complete (if applicable)
Name (Prmt/Type)		Registration No		Telephone	
	Stephen R. May	(Attorney/Agent)	29,255		(509) 375-2387
Signature	Sterlien	Man		Date	Jan 26, 2001

## EXPRESS MAIL MAILING LABEL #EE797446645US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
<pre>In re Application of:</pre>
Richard A. Craig and ) Anthony J. Peurrung ) )
For: METHOD AND APPARATUS ) Our Ref. No: E-1825 CIP FOR THE DETECTION OF )
HYDROGENOUS MATERIALS ) Date: January 24, 2001
CERTIFICATE OF MAILING
Box PATENT APPLICATION Commissioner of Patents and Trademarks Washington, DC 20231
Dear Sir:
The undersigned hereby certifies that the attached:
<pre>[ x ] Patent Application of 32 pages, and [ x ] Drawings of 24 Sheets [ x ] Fee Transmittal (2 ea.) [ x ] Assignment / Cvr. Sheet [ x ] Combined Declaration and Power of Attorney [ ] Information Disclosure</pre>
are being deposited with the United States Postal Service as:
[ ] First Class Mail     [x] Express Mail - Label #EE797446645US in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on the date set forth below.
Signature C. Layleourn
Date Deposited
Janice K. Laybourn K1-53

Intellectual Property Services Battelle Memorial Institute Pacific Northwest Laboratories P.O. Box 999 Richland, WA 99352 (509) 375-2655

